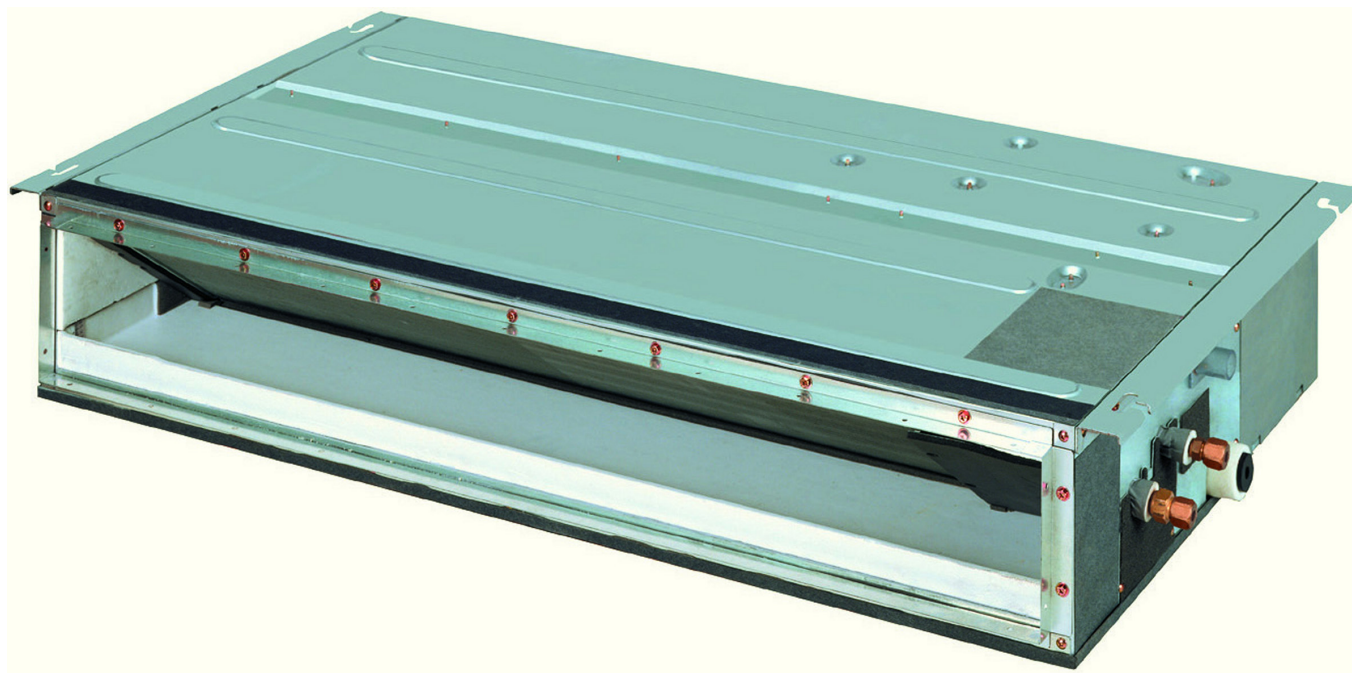


1 Features

- Extremely quiet in operation
- You have the choice out of 3 fan speeds to select
- Daikin's special dry programme reduces humidity in the room without variation in room temperature
- Powerful mode can be selected for rapid cooling
- Night set mode saves energy by preventing overcooling or overheating during night time
- Standard suction filter: removes airborne dust particles to ensure a steady supply of clean air
- Compact dimensions, can easily be mounted in a ceiling void of only 240mm
- Daikin remote controls give you easy control at your fingertips.



optional

5 steps

standard



2 Specifications

| 2-1 FOR INDOOR UNITS ONLY | | | FDKS0CVMB | FDKS60 CVMB |
|---------------------------|---------|----|-----------|-------------|
| Nominal Input | Cooling | kW | 0.140 | 0.160 |

| 2-2 TECHNICAL SPECIFICATIONS | | | | FD KS50CVMB | | FDKS60 CVMB | |
|------------------------------|-----------------|------------------|--------|---------------------------------|--|-------------|--|
| Dimensions | Packing | Height | mm | 266 | | 266 | |
| | | Width | mm | 1106 | | 1306 | |
| | | Depth | mm | 751 | | 751 | |
| | Unit | Height | mm | 20 | | 200 | |
| | | Width | mm | 900 | | 1100 | |
| | | Depth | mm | 620 | | 620 | |
| Weight | Unit | | kg | 27.0 | | 30.0 | |
| | Packed Unit | | kg | 34.0 | | 37.0 | |
| Heat Exchanger | Dimensions | Length | mm | 700 | | 900 | |
| | | Nr of Rows | | 3 | | 2 | |
| | | Fin Pitch | mm | 1.50 | | 1.50 | |
| | | Nr of Stages | | 12 | | 12 | |
| | Tube type | | | Hi-XSS (7) | | | |
| | Fin | Type | | ML fin (Multi louver) | | | |
| Fan | Type | | | Sirocco fan | | | |
| Air Flow Rate | Cooling | High | m³/min | 12.0 | | 16.0 | |
| | | Medium | m³/min | 11.0 | | 14.8 | |
| | | Low | m³/min | 10.0 | | 13.5 | |
| | | Silent Operation | m³/min | 8.4 | | 11.2 | |
| Fan | Max | Standard | Pa | 40 | | 40 | |
| | Motor | Quantity | | 1 | | 1 | |
| | | Model | | 130J-23 | | | |
| | | Number of steps | | 5 steps, silent and auto | | | |
| Motor | Speed (cooling) | High | rpm | 1270 | | 1280 | |
| | | Medium | rpm | 1180 | | 1160 | |
| | | Low | rpm | 1080 | | 1040 | |
| | | Silent Operation | rpm | 930 | | 890 | |
| Fan | Motor | Output (high) | W | 130 | | 130 | |
| Cooling | Sound Power | High | dBA | 55.0 | | 56.0 | |
| | Sound Pressure | High | dBA | 37.0 | | 38.0 | |
| | | Medium | dBA | 35.0 | | 36.0 | |
| | | Low | dBA | 33.0 | | 34.0 | |
| | | Silent Operation | dBA | 31.0 | | 32.0 | |
| Refrigerant | Type | | | R-410A | | | |
| Piping connections | Liquid (OD) | Diameter (OD) | mm | 6.4 | | 6.4 | |
| | Gas | Diameter (OD) | mm | 12.7 | | 12.7 | |
| | Drain | Diameter (OD) | mm | I.D. 20/O.D. 26 | | | |
| | Heat Insulation | | | Both liquid and gas pipes | | | |
| Air Filter | | | | Removable/washable/Mildew proof | | | |
| Air direction control | | | | Left, right, up and downwards | | | |
| Temperature control | | | | Microcomputer control | | | |

2 Specifications

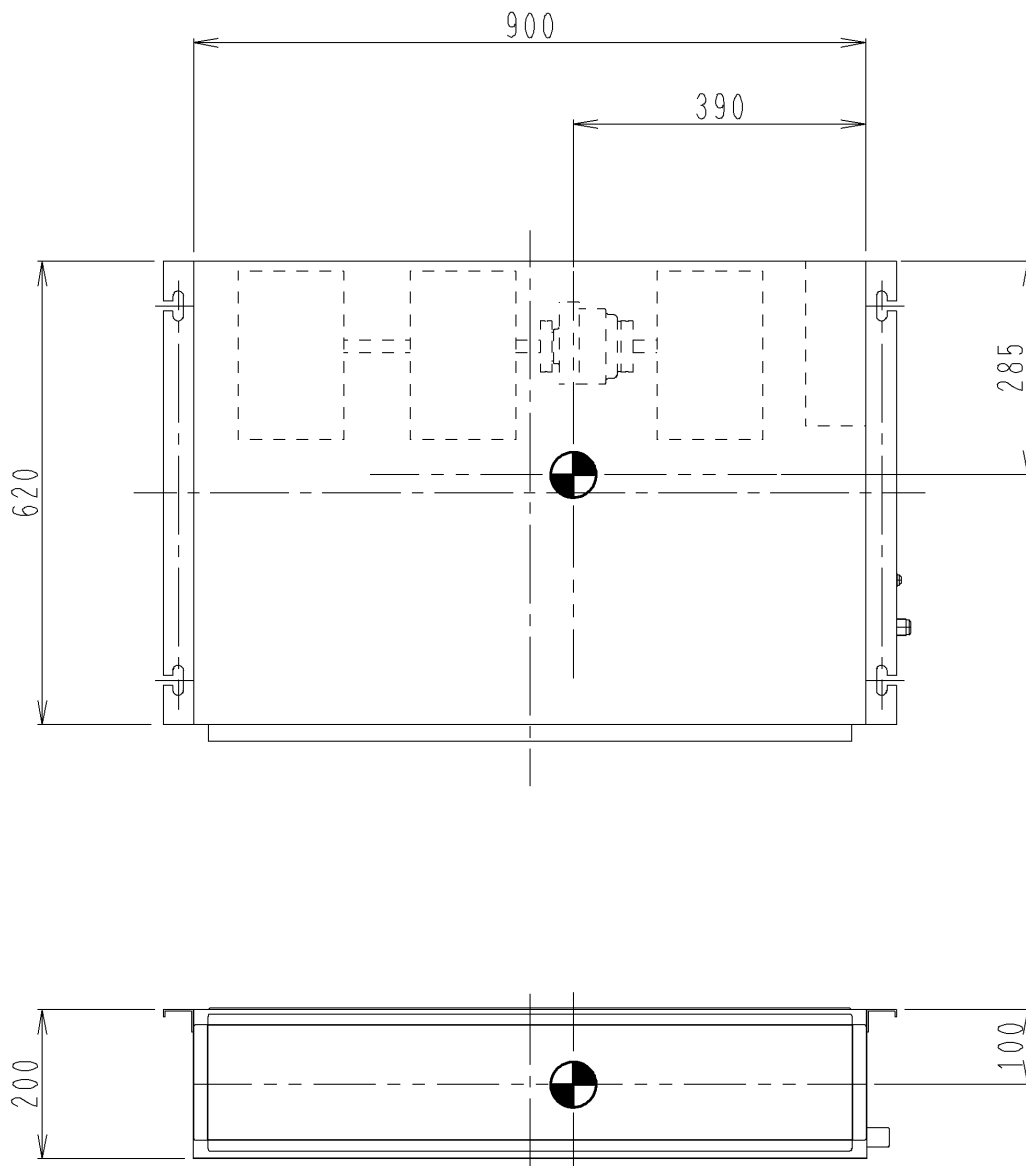
| 2-2 TECHNICAL SPECIFICATIONS | | FDKS50CVMB | FDK S6 0CVMB |
|------------------------------|----------|---|--------------|
| Standard Accessories | Item | Installation manual | |
| | Quantity | 1 pc | |
| | Item | Operation manual | |
| | Quantity | 1 pc | |
| | Item | Infrared remote control | |
| | Quantity | 1 pc | |
| | Item | Batteries | |
| | Quantity | 2 pcs | |
| | Item | Remote control holder | |
| | Quantity | 1 pc | |
| | Item | Fixing screw for remote control | |
| | Quantity | 2 pcs | |
| | Item | Signal receiver cover kit | |
| | Quantity | 1 set | |
| | Item | Insulation for fitting | |
| | Quantity | 1 set | |
| | Item | Sealing pad | |
| | Quantity | 1 set | |
| | Item | Clamp metal | |
| | Quantity | 1 pc | |
| | Item | Drain hose | |
| | Quantity | 1 pc | |
| | Item | Washer for hanger bracket | |
| | Quantity | 8 pcs | |
| | Item | Sealing material | |
| | Quantity | 2 pcs | |
| | Item | Clamps | |
| | Quantity | 6 pcs | |
| | Item | Washer fixing plate | |
| | Quantity | 4 pcs | |
| | Item | Screws for duct flanges | |
| | Quantity | 1 set | |
| | Item | Air filter | |
| | Quantity | 1 pc | |
| Notes | | Sound values are measured in an anechoic room. | |
| | | Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings of this chapter. | |
| | | The sound power level is an absolute value indicating the power which a sound source generates. | |

| 2-3 ELECTRICAL SPECIFICATIONS | | | | FDKS50CVMB | | FDK S6 0CVMB | |
|-------------------------------|-------------------------------|----------|----|--|--|--------------|--|
| Power Supply | Name | | | VM | | | |
| | Phase | | | 1 | | 1 | |
| | Frequency | | Hz | 50/60 | | | |
| | Voltage | | V | 220-240/220-230 | | | |
| Current | Nominal running current (RLA) | Cooling | A | 0.64 | | 0.74 | |
| Wiring connections | For Power Supply | Quantity | | 3 | | 3 | |
| | | Remark | | 4 for interunit wiring (included earth wiring) | | | |
| Voltage range | Minimum | | | -10% | | | |
| | Maximum | | | +10% | | | |
| Power Supply Intake | | | | Outdoor unit only | | | |

3 Dimensional drawing & centre of gravity

3 - 2 Centre of gravity

FDK/XS50C

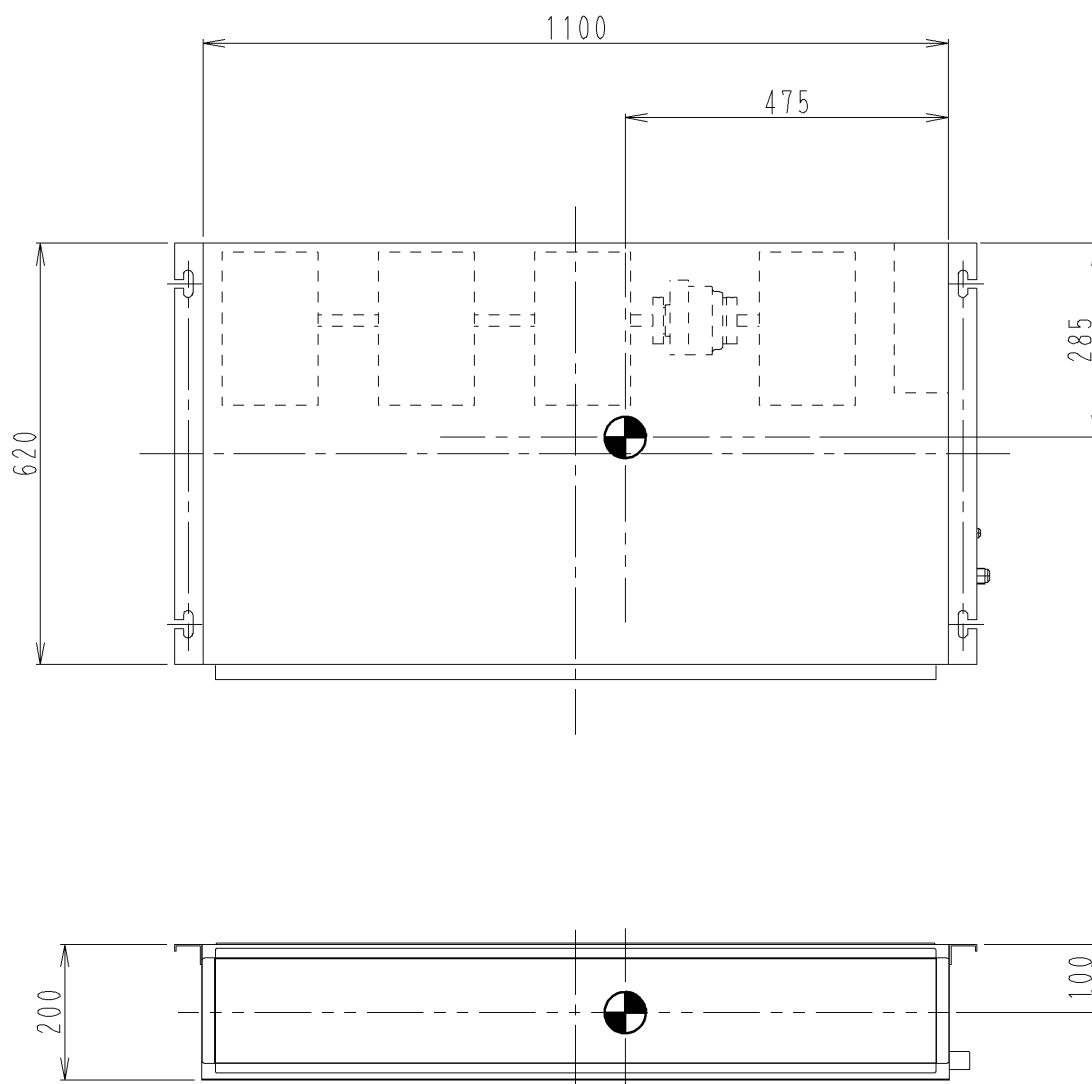


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3 Dimensional drawing & centre of gravity

3 - 2 Centre of gravity

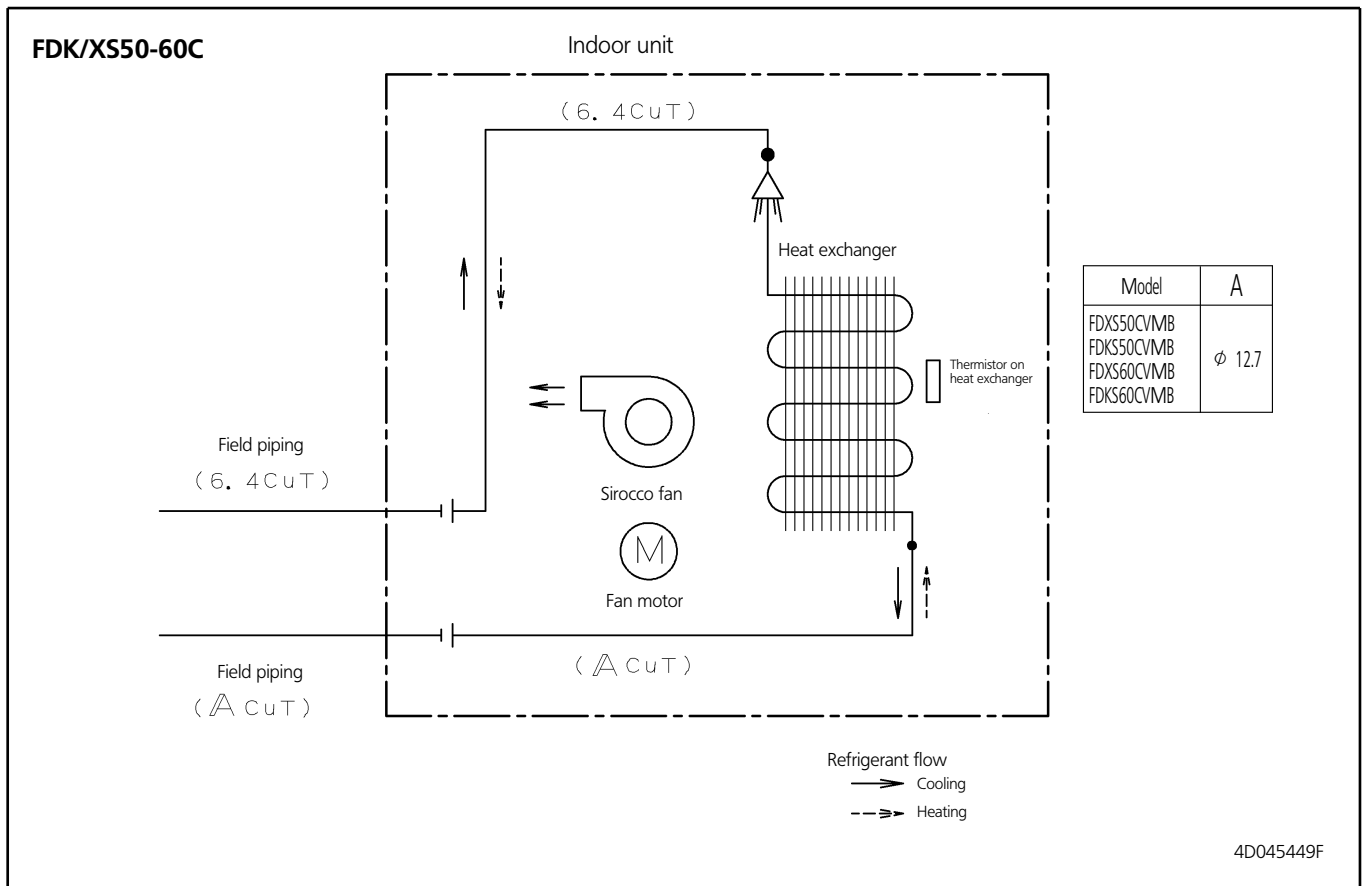
FDK/XS60C



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4 Piping diagram

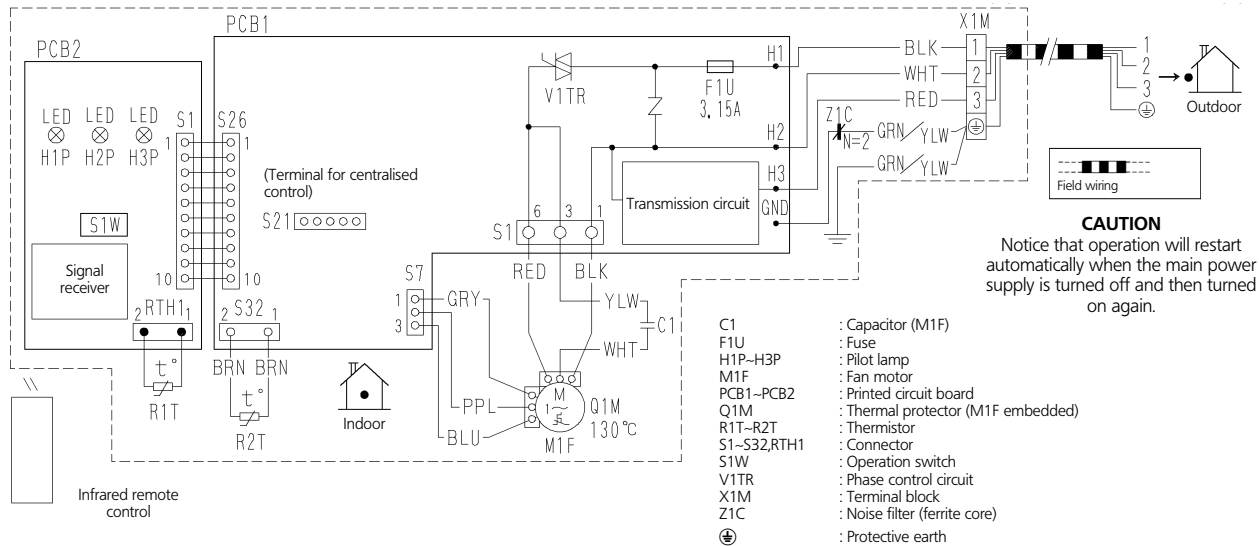
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5 Wiring diagram

5 - 1 Wiring diagram

FDK/XS50-60C



NOTES

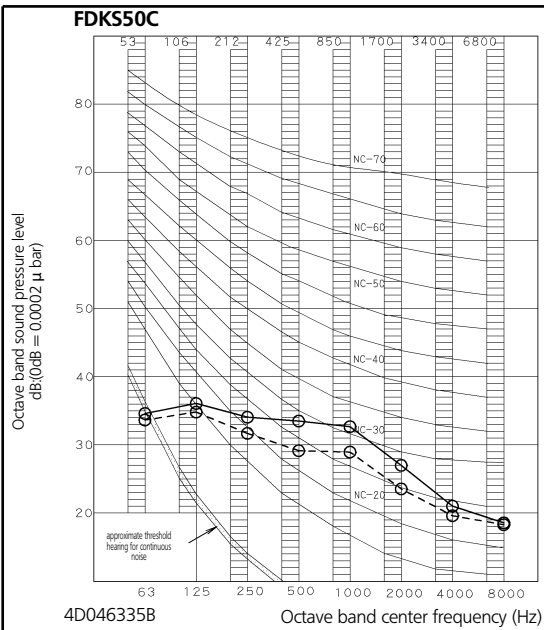
- 1 Size: length 60 x width 125.
- 2 Nameplate material: wood free tack paper
- 3 Coat the reverse side with pressure sensitive adhesive
- 4 Refer to purchasing specification AS303002, unless otherwise specified.
- 5 This drawing was drawn on CAD system.
- 6 Make a slit on separate liner in vertical direction

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6 Sound data

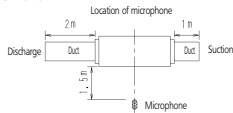
6 - 1 Sound pressure spectrum

1
6

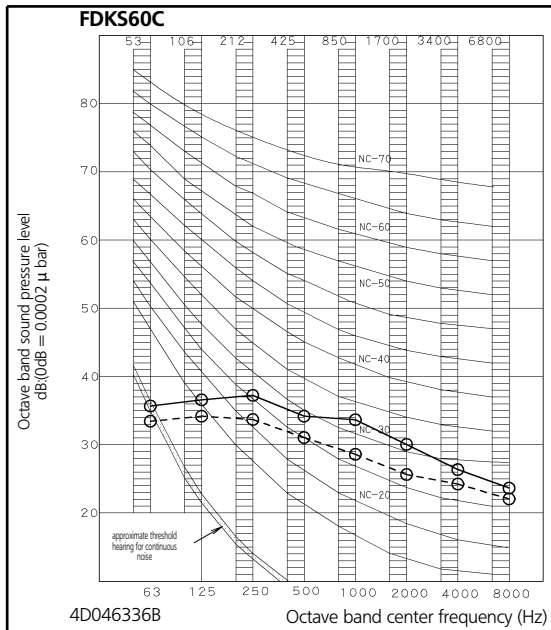


NOTES

- 1 Operation noise differs with operation and ambient conditions.
- 2 The operating sound is based on the rear side suction inlet, and the external static pressure 40Pa.

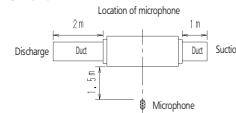


- Legend
- (H) 230V/50Hz, 220V/60Hz
 - (L) 230V/50Hz, 220V/60Hz



NOTES

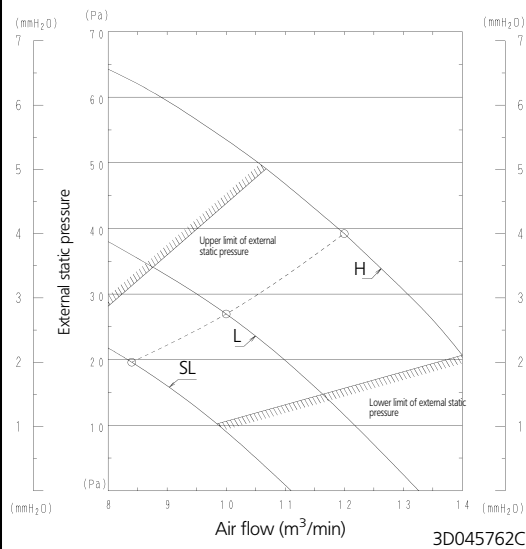
- 1 Operation noise differs with operation and ambient conditions.
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- Legend
- (H) 230V/50Hz, 220V/60Hz
 - (L) 230V/50Hz, 220V/60Hz

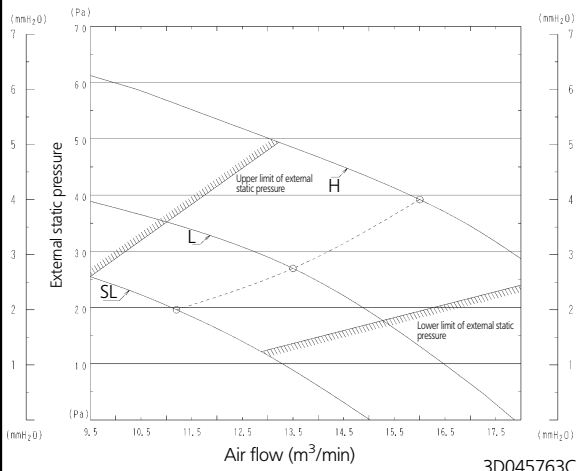
7 Fan characteristics

FDK/XS50C



3D045762C

FDK/XS60C



3D045763C